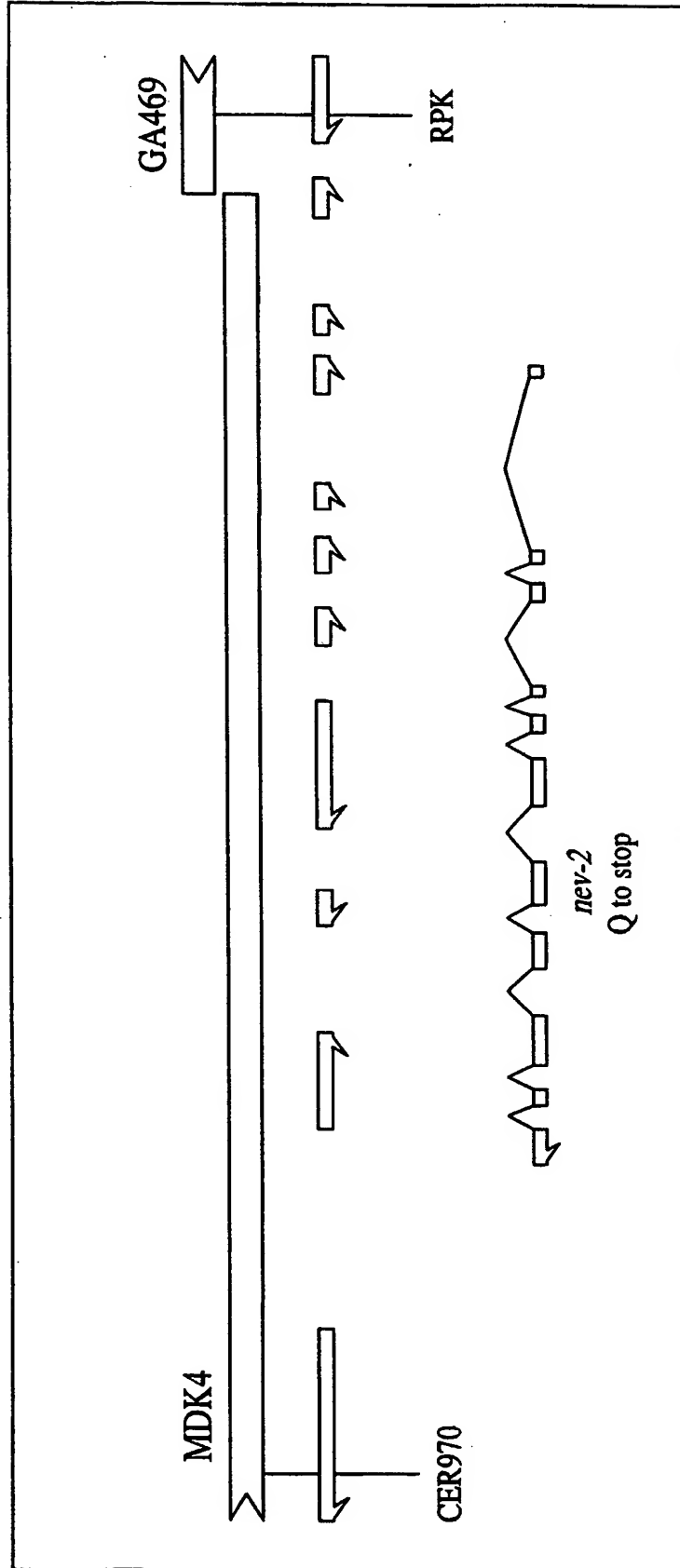


NEVERSHED genomic position



chromosome 5

FIG. 1

NEVERSHED contains a predicted ARFGAP domain

nev -1
C to Y



plant	NEV	HRKILEGLLKH	PENRE	AD	KTKGPRWASV	NLGIFI	MO	SGIHRSLGVHISKVRSATLD			
rat	ARFGAP1	TRKVLKEVRAQ	DENN	FE	GAPNPQWVS	VTYGIWI	LE	SGRHRGLGVHLSFVRSVTMD			
yeast	GCS1	TRRRLLQLQK	IGANKK	MD	GAPNPQWAT	PKFGAFI	LE	AGIHRGLGVHISFVRSITMD			
fly	CG8243	CQTLLTQMLR	DEDNKY	VD	DAKGPRWAS	WNLMFL	IR	AGIHRNLGVHISRVKSVNLD			
worm	WO9D10.1	LQGFLLDMLK	EEENKY	AD	QAKTPRWA	AAWNLGIFI	IR	AGIHRNLGVHISRVNSVNLD			
				C	C	P	W	G	C	C	HR
NEV		TWLPEQVAFI	QSMGNDKANSYWEAELPPNY	DRVGIENFIRAKYE	EKKRWV					
ARFGAP1		KWKDIELEK	MKAGNAKREFLEA	QDDYEPSWSLQDKYSSRAAA						
GCS1		QFKPELLRMEK	GGNEPLTEWFK	SHNIDLSPQVKYDNPVAE						
CG8243		TWTPEQVISL	QQMGNSRARAVYEAQLPDGFRRPQTD	TALENFIRAKYDHKKYL							
WO9D10.1		SWTPEQVOIM	RVMGNEKARQVYEHDLPAQFRFRPTNDQO	MEQPIRSKYEQKRYI							KY

FIG. 2